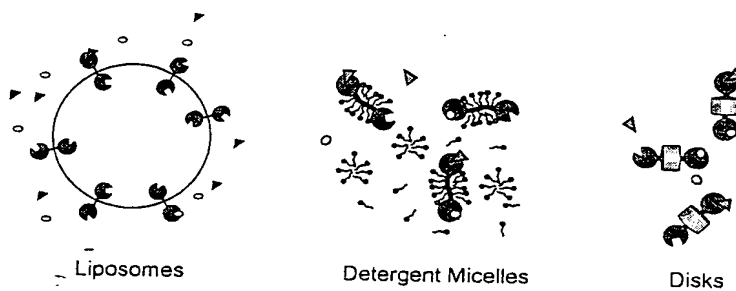


USN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001



**FIG. 1**

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● N: Not yet assigned  
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Filing Date: November 20, 2001

hydrophobic amino acids

○ more polar amino acids

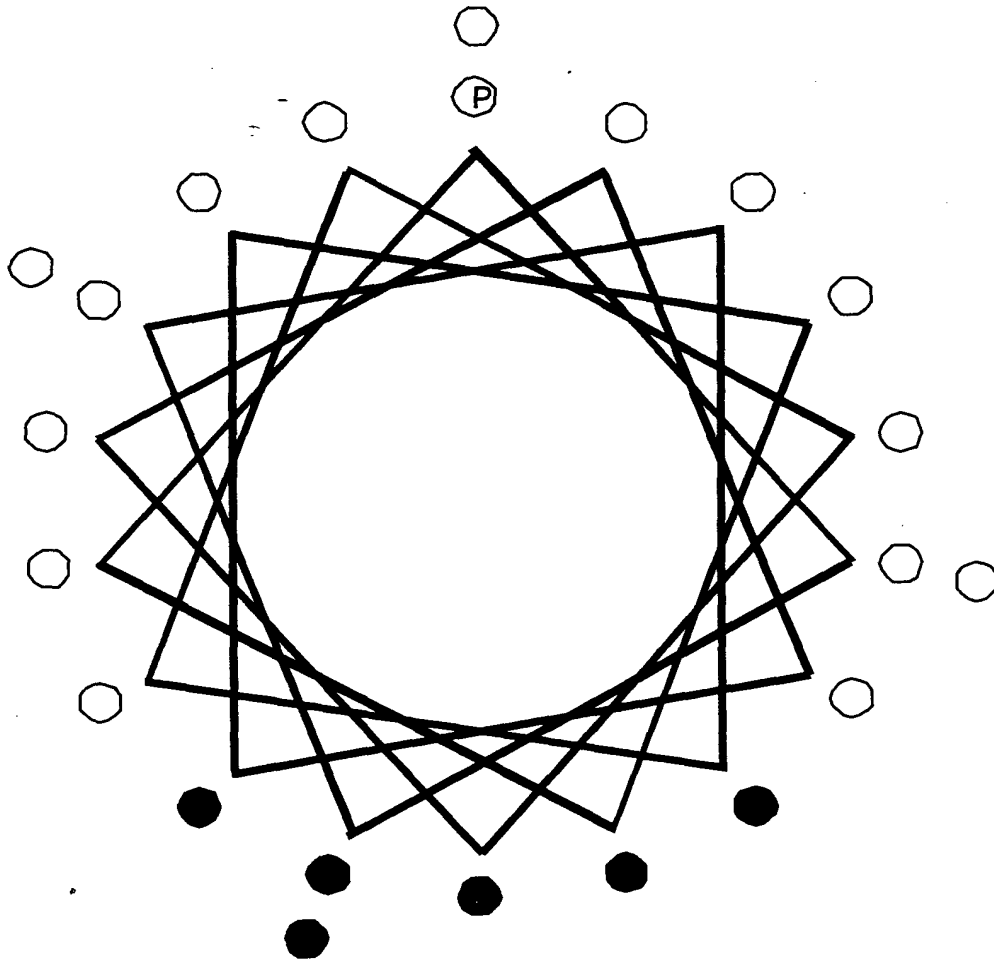


FIG. 2

03990087, 11/20/01

Applicant: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001

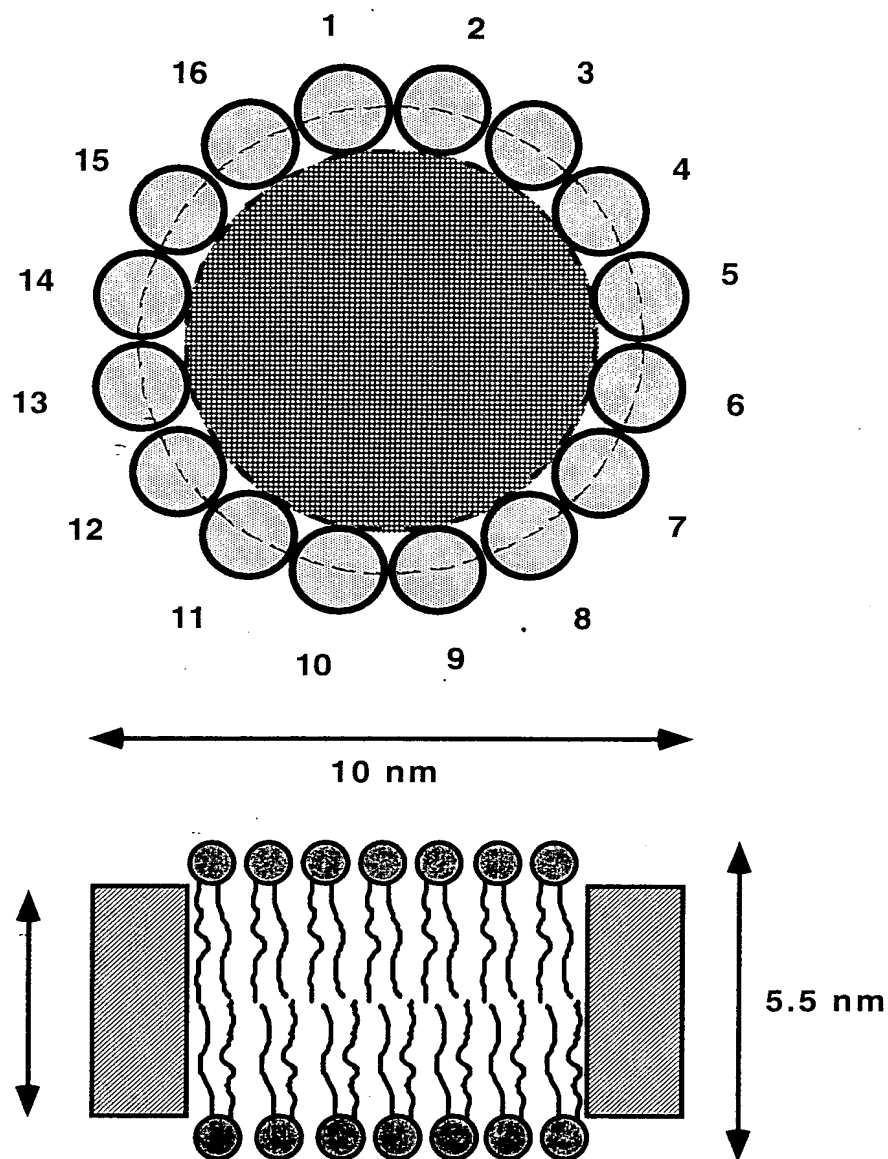
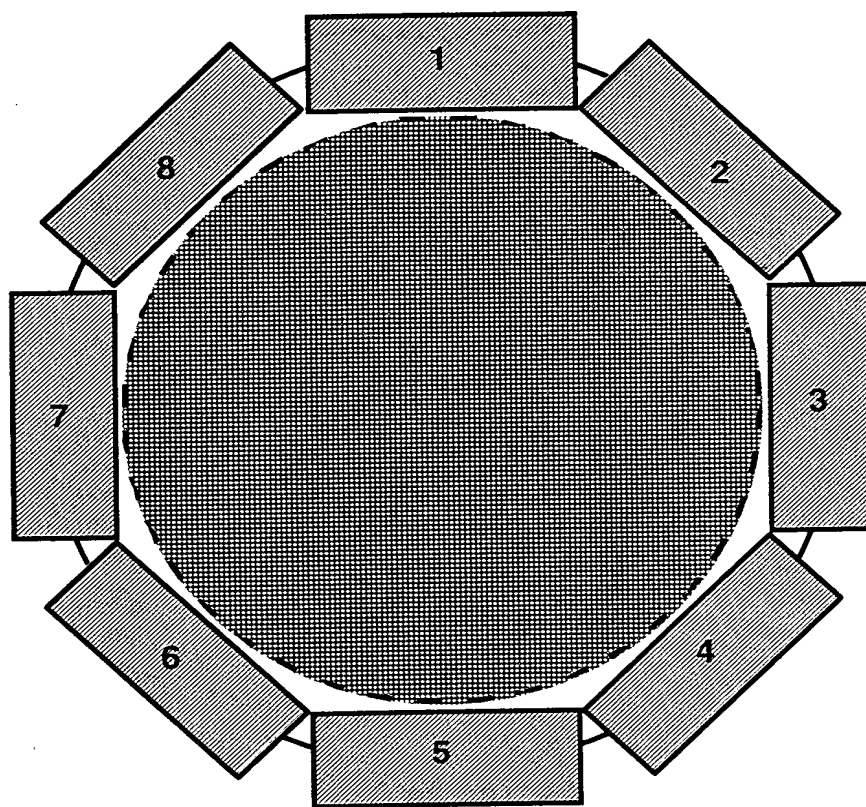


FIG. 3A

●: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001



10 nm

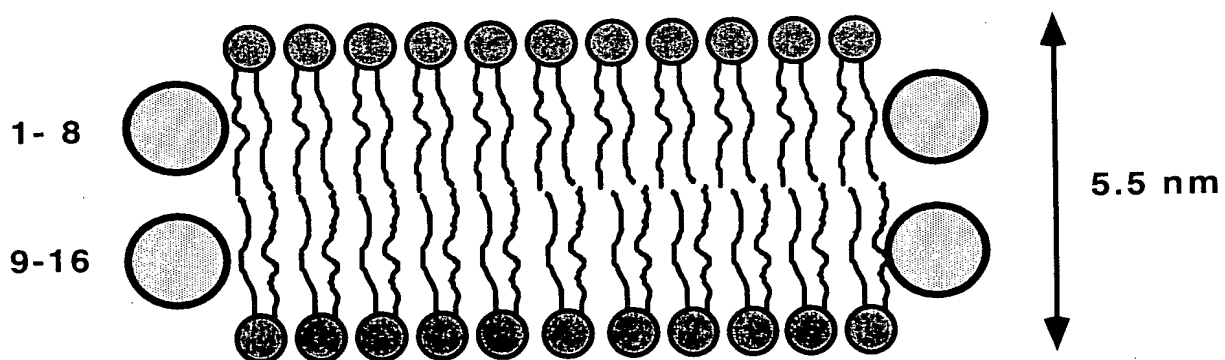


FIG. 3B

Title: Membrane Scaffold Proteins

USPN: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001

DEPPQSPWDRYKDLATVYVDYVKDSGRDYVSQFEGSALGKQLN \* LKLLONWDSVTSTFSKLREQLG \*  
1 43 44 65  
PVTQEFWDNLEKETEGLRQEMS \* KOLEEVKAKVQ \* PYLDREFQKKWQEFEMELYRQKVE \*  
68 87 88 98 99 120  
PLRAELQEGARQKLHELOEKL \* PLGEEMRDRARAHVDALRTHLA \* PYSDELQRRLAARLEALKENG \*  
121 142 143 164 165 188  
ARLAFYHAKATEHLSTLSEKAK \* PALEDLRQGLL \* PVLESEKVSFLSALEYTKKLN TQ  
187 208 209 219 220 241

FIG. 4

09250037, 4.13.00.1

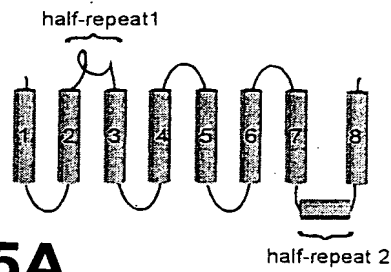


FIG. 5A

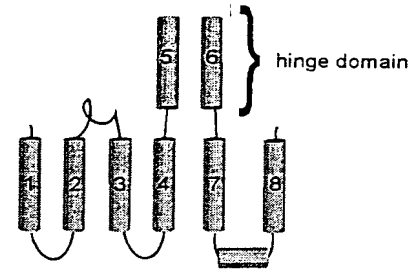


FIG. 5B

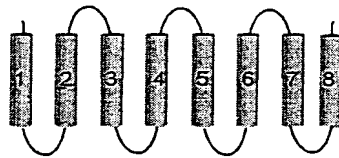


FIG. 5C

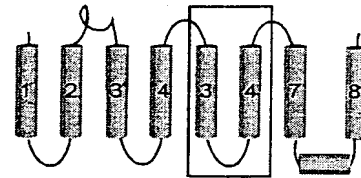


FIG. 5D

FIG. 5E

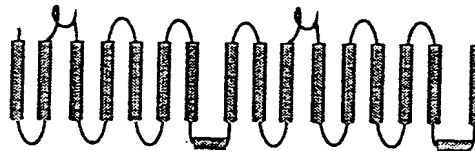


FIG. 5F

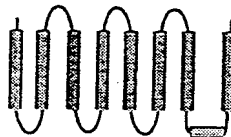
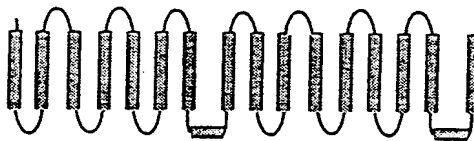


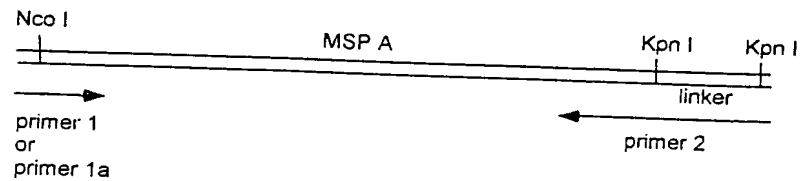
FIG. 5G



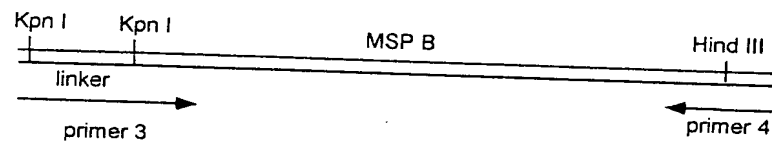
099003742001

USSN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001

**FIG. 6A**



**FIG. 6B**



09990087 112001

US: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001

FIG. 7A

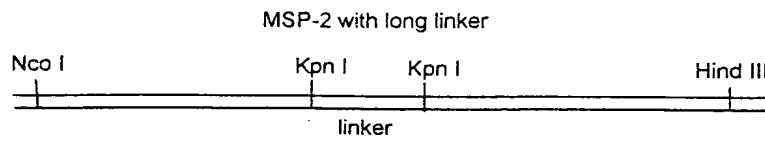
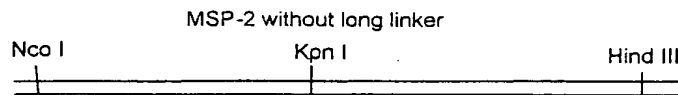


FIG. 7B

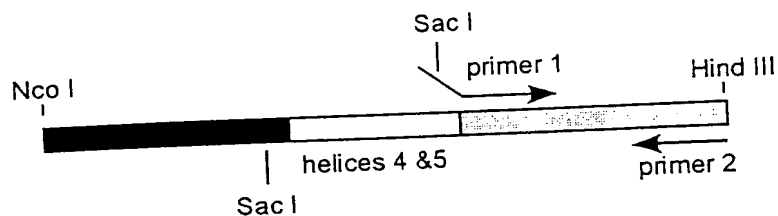


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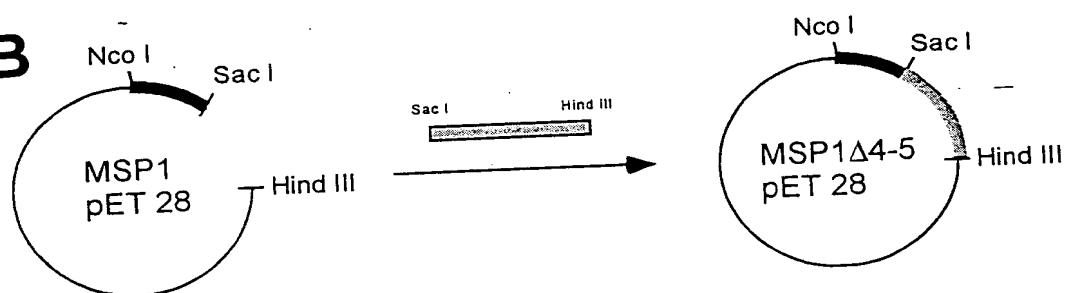


USPTO Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001

**FIG. 8A**

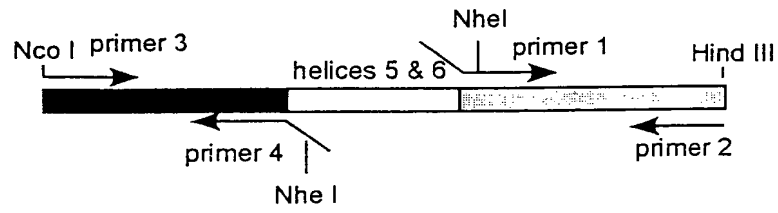


**FIG. 8B**

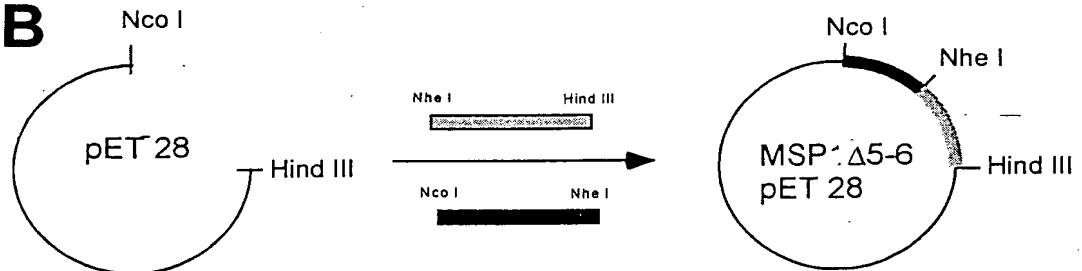


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**FIG. 9A**

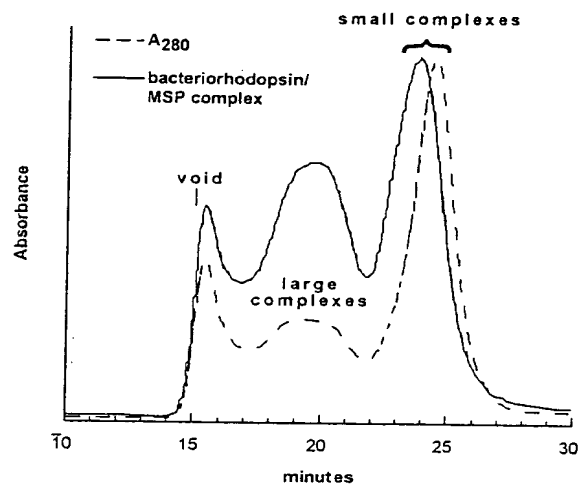


**FIG. 9B**



0990087.112001

USPN: Not yet assigned  
Inventors: *Sligar and Bayburt*  
Filing Date: November 20, 2001



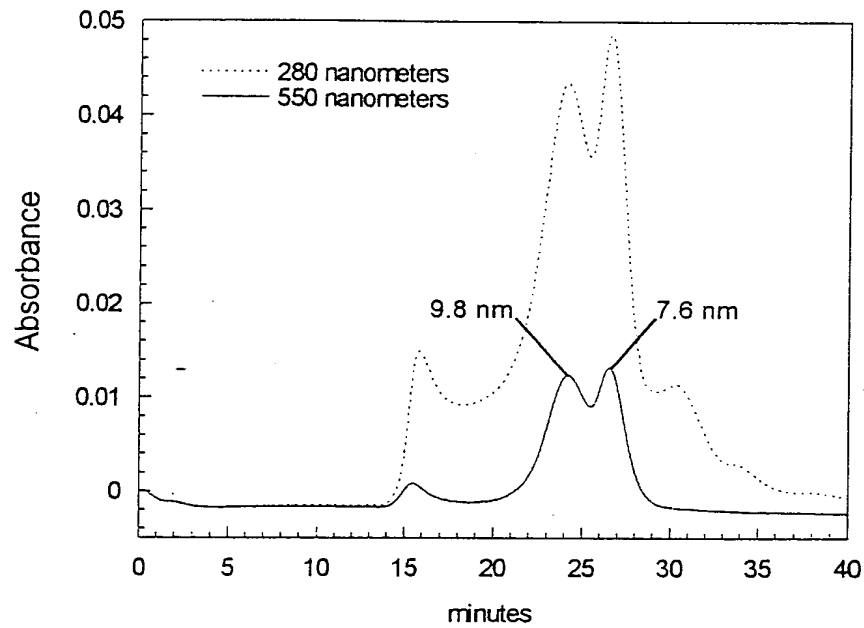
**FIG. 10**

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USPN: Not yet assigned

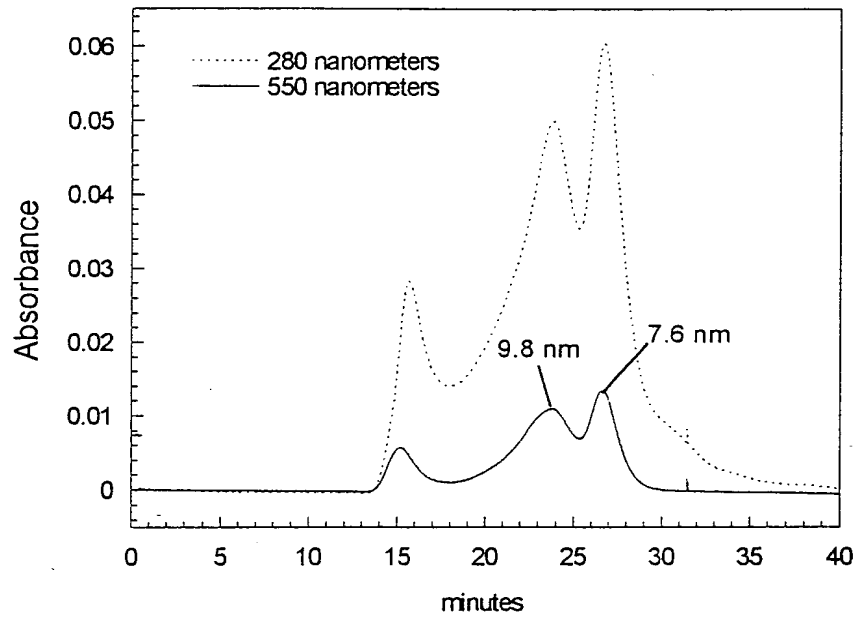
Inventors: Sligar and Bayburt

Filing Date: November 20, 2001



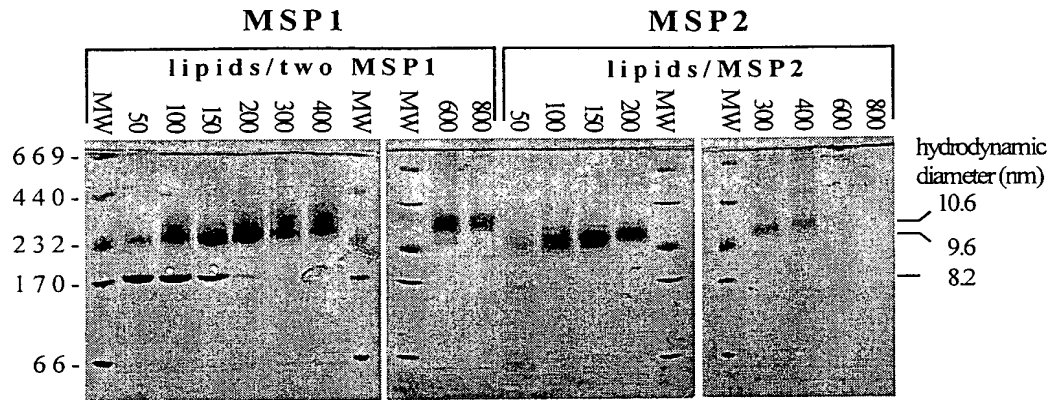
**FIG. 11**

USPN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001



**FIG. 12**

USPN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001



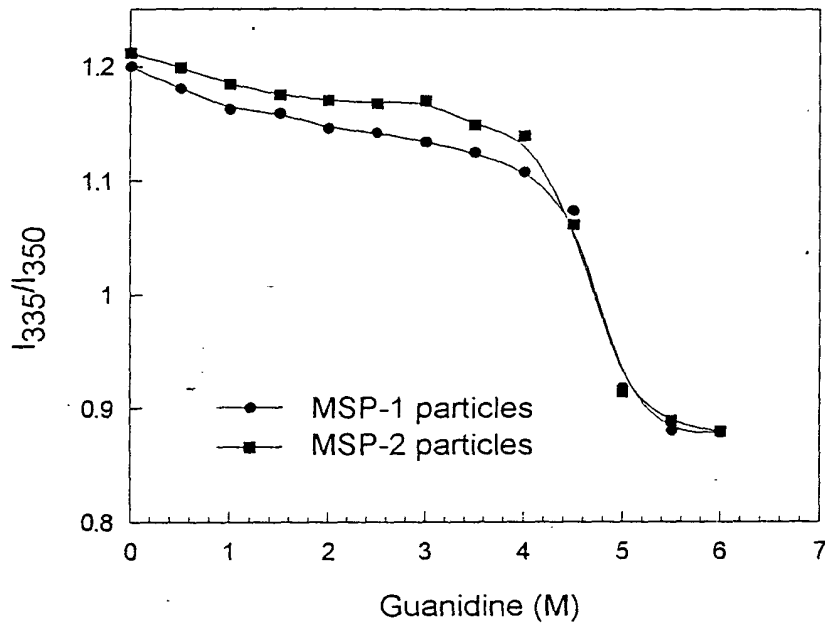
**FIG. 13**

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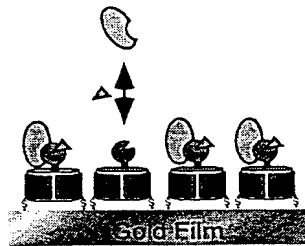
USPN: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001

**FIG. 14**

USPN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001



**FIG. 15A**



**FIG. 15B**

09990037, 112001



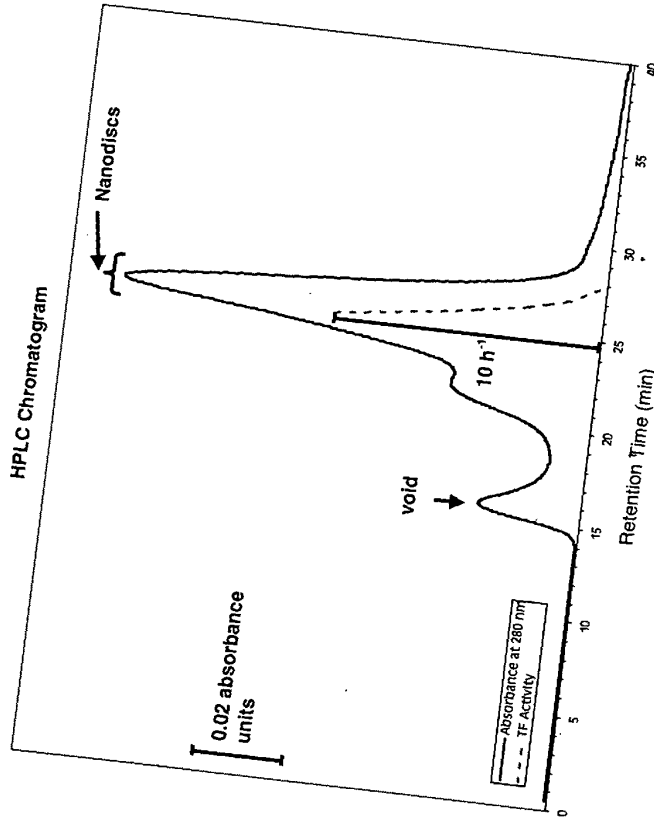


FIG. 16A

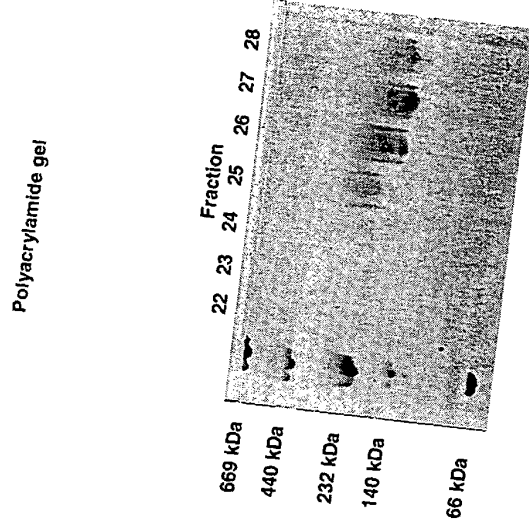


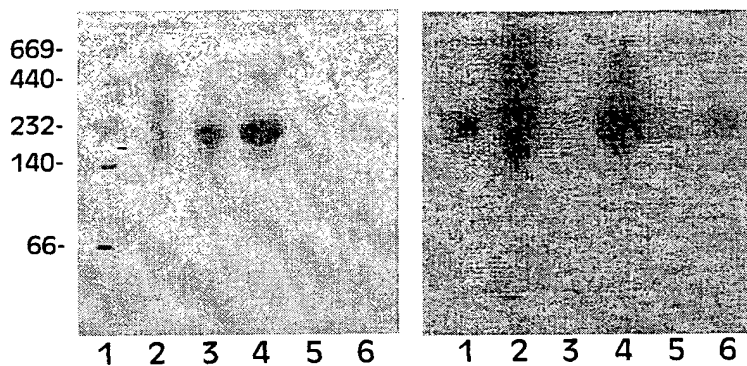
FIG. 16B

100217 48006660

USPN: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001



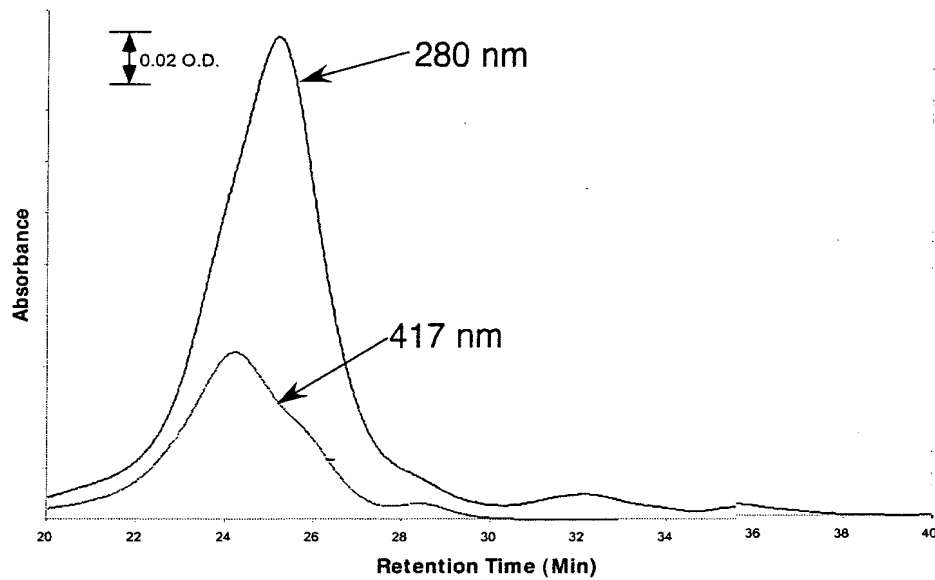
**FIG. 17A**

**FIG. 17B**

09990087 112001

USSN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001

85% DPPC, 15% POPC w/ CYP 3A4



**FIG. 18**

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USSN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001

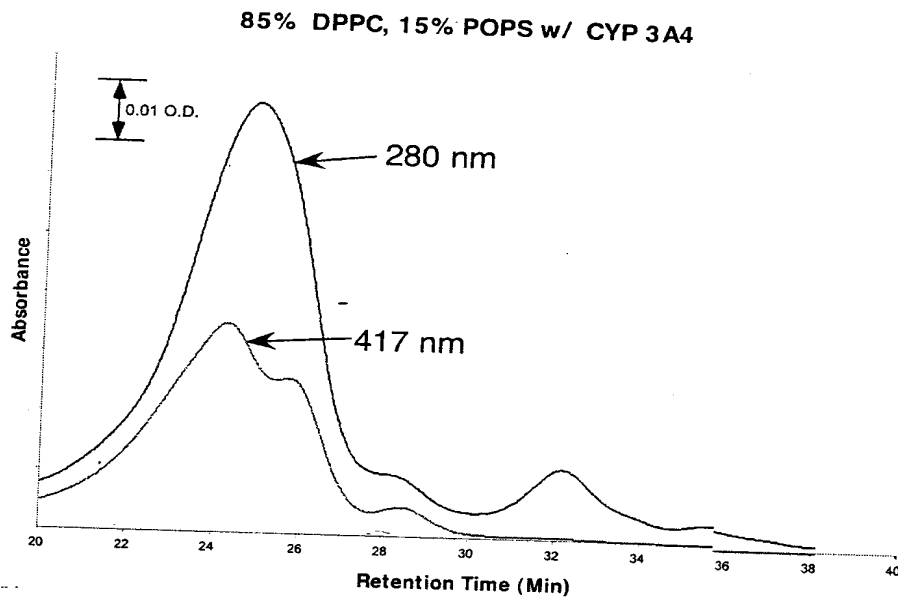


FIG. 19

USSN: Not yet assigned

Inventors: Sligar and Baylurt

Filing Date: November 20, 2001

## 100% DPPC w/ CYP 3A4

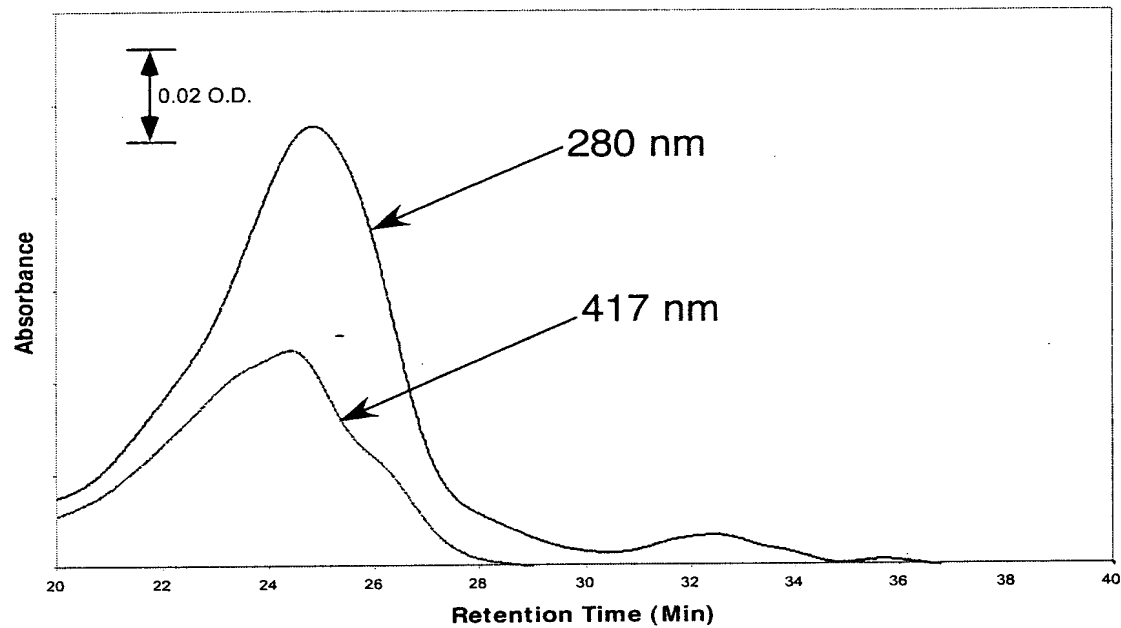


FIG. 20

USSN: Not yet assigned

*Inventors: Sligar and Bayburt*

*Filing Date: November 20, 2001*

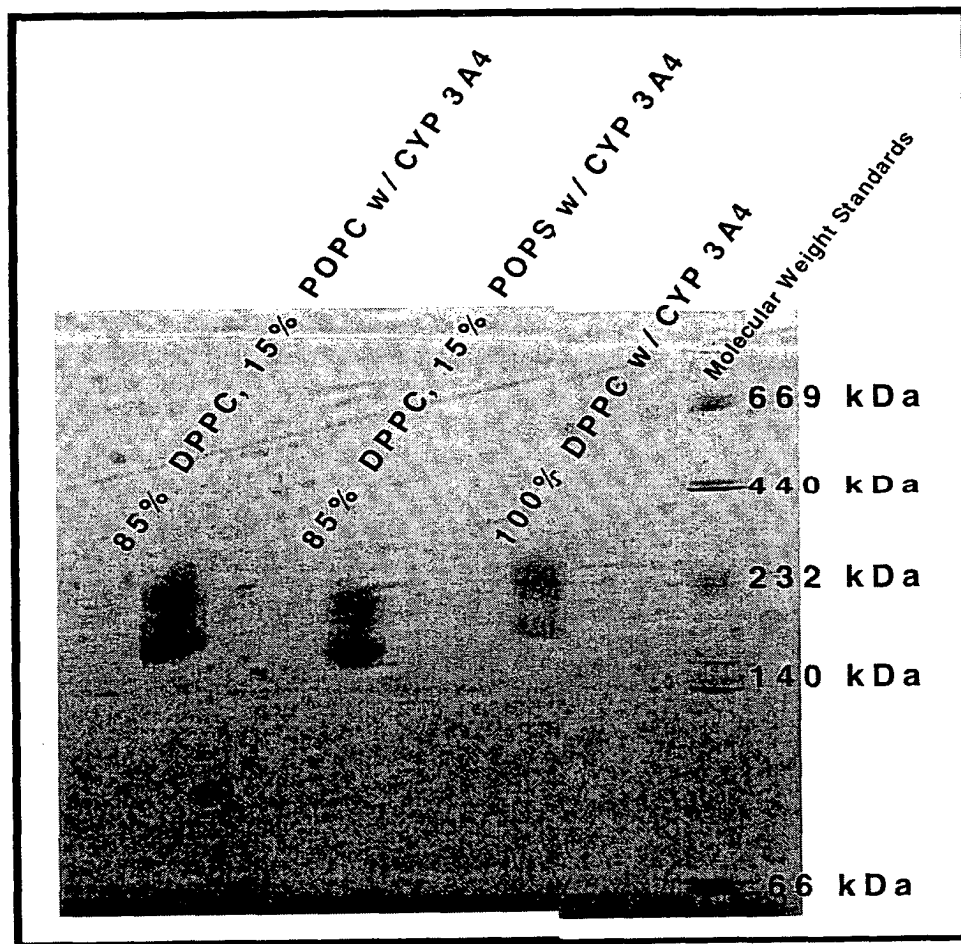


FIG. 21

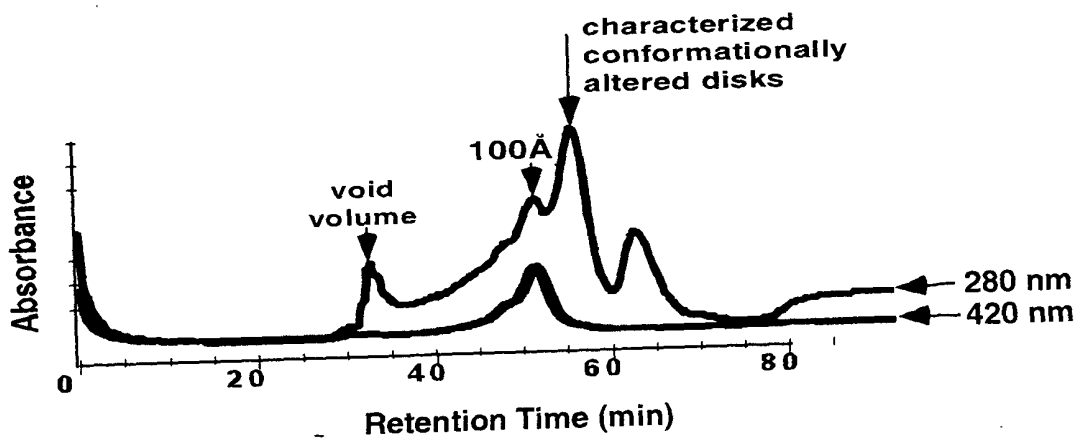
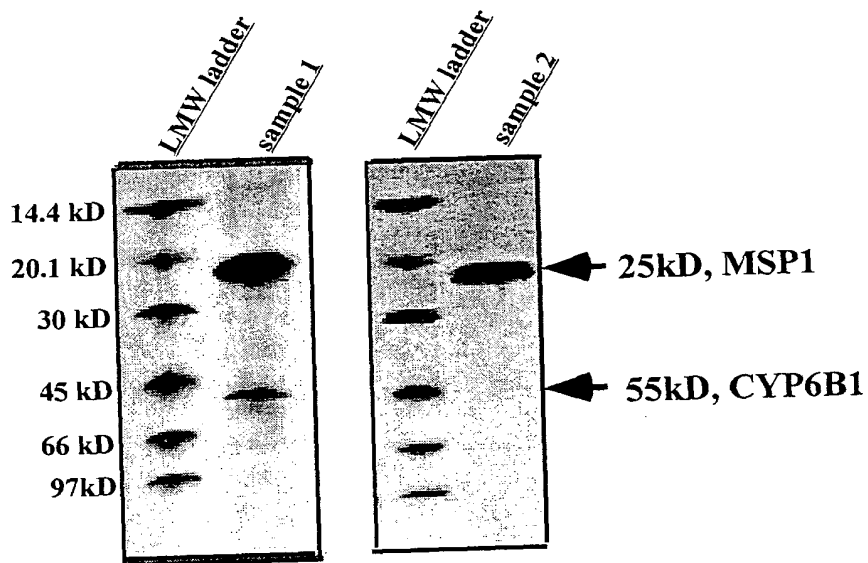


FIG. 22

USSN: Not yet assigned

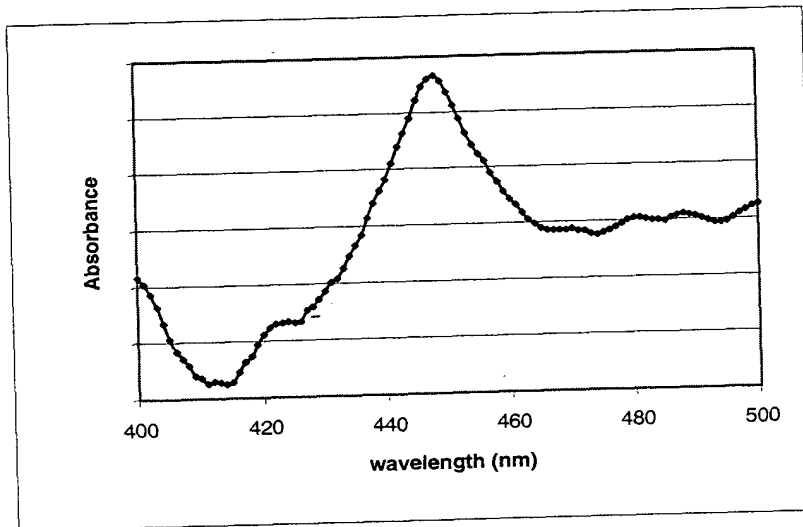
Inventors: Sligar and Bayburt

Filing Date: November 20, 2001

**FIG. 23**

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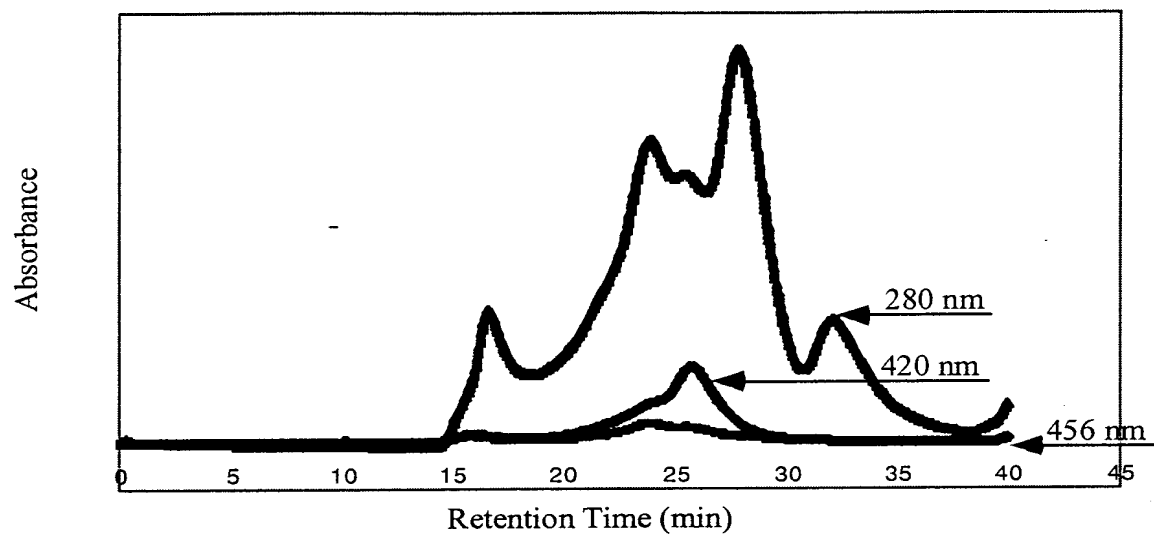




**FIG. 24**

09990037-112001

USN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001

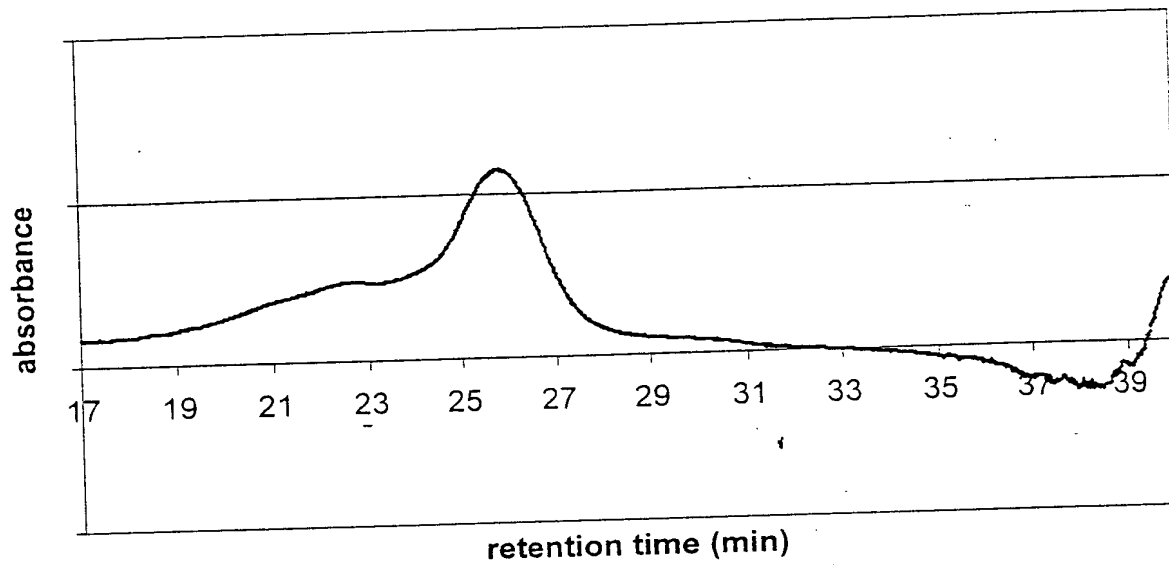


**FIG. 25**

USPN: Not yet assigned

Inventors: Sligar and Bayburt

Filing Date: November 20, 2001



**FIG. 26**

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T0021T 28006550

USPN: Not yet assigned  
Inventors: Sligar and Bayburt  
Filing Date: November 20, 2001

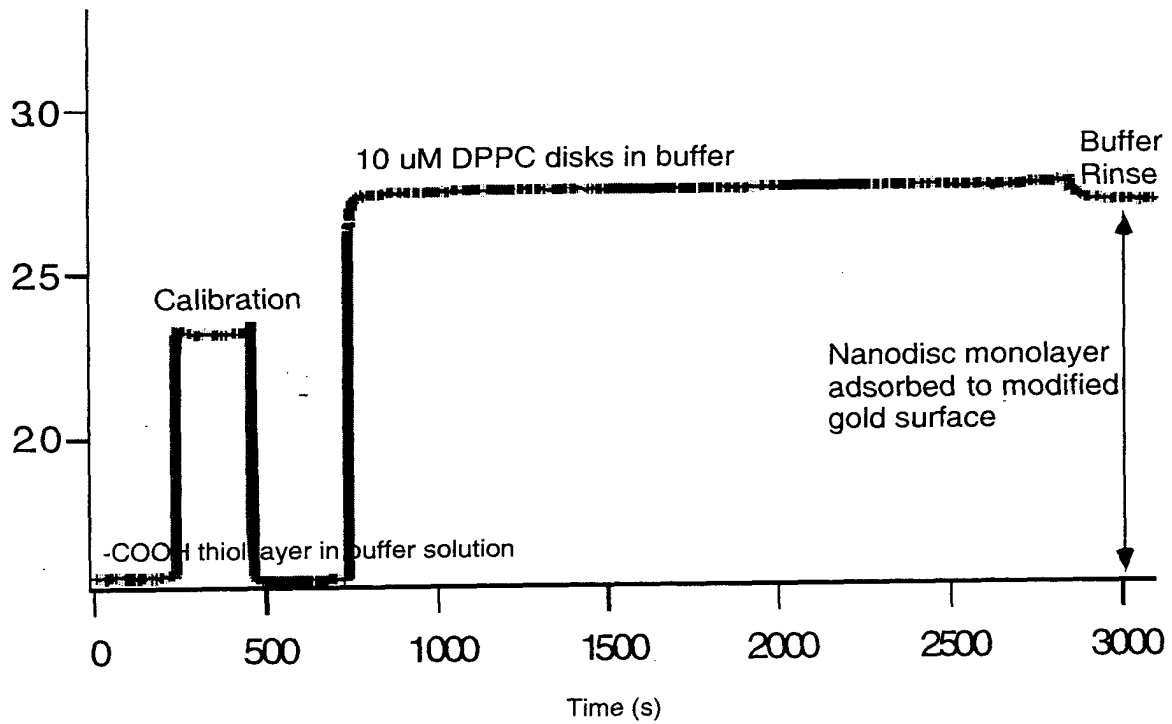


FIG. 27